

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	hydrogel and (matrix or scaffold or network) and photoreticul\$ and (irradiat\$) and (acrylate or methacrylate)	US- PGPUB; USPAT	ADJ	ON	2009/06/19 14:46
S2	133	anionic hydrogel	US- PGPUB; USPAT	ADJ	ON	2009/06/19 14:46
S3	1	anionic hydrogel and reticulation	US- PGPUB; USPAT	ADJ	ON	2009/06/19 14:47
S4	52138	hydrogel	US- PGPUB; USPAT	ADJ	ON	2009/06/19 14:49
S5	0	anionic hydrogel and irradiation and photo crosslink\$	US- PGPUB; USPAT	ADJ	ON	2009/06/19 14:51
S6	133	hydrogel and irradiation and photo crosslink\$	US- PGPUB; USPAT	ADJ	ON	2009/06/19 14:51
S7	18	hydrogel (matrix or scaffold or network) and irradiation and photo crosslink\$ and (acrylate or methacrylate)	US- PGPUB; USPAT	ADJ	ON	2009/06/19 14:52
S8	44	hydrogel (matrix or scaffold or network) and photo crosslink\$ and (acrylate or methacrylate)	US- PGPUB; USPAT	ADJ	ON	2009/06/19 14:53
S9	1015	hydrogel (matrix or scaffold or network) and crosslink\$ and (acrylate or methacrylate)	US- PGPUB; USPAT	ADJ	ON	2009/06/19 14:54

S10	450	hydrogel (matrix or scaffold or network) and crosslink\$ and (acrylate or methacrylate) and radiation	US- PGPUB; USPAT	ADJ	ON	2009/06/19 14:55
S11	0	hydrogel (matrix or scaffold or network) and crosslink\$ and (acrylate or methacrylate) and irradiat and (pharmaceutical or active agent)	US- PGPUB; USPAT	ADJ	ON	2009/06/19 14:57
S12	656	hydrogel (matrix or scaffold or network) and crosslink\$ and (acrylate or methacrylate) and (pharmaceutical or active agent)	US- PGPUB; USPAT	ADJ	ON	2009/06/19 14:57
S13	190	hydrogel (matrix or scaffold or network) and crosslink\$ and (acrylate or methacrylate) and (pharmaceutical or active agent) and irradiation	US- PGPUB; USPAT	ADJ	ON	2009/06/19 14:58
S14	1	hydrogel (matrix or scaffold or network) and crosslink\$ and (acrylate or methacrylate) and (pharmaceutical or active agent) and irradiation and cellulose and dextrin and pectin and carnitine	US- PGPUB; USPAT	ADJ	ON	2009/06/19 15:01
S15	149	hydrogel (matrix or scaffold or network) and crosslink\$ and (acrylate or methacrylate) and (pharmaceutical or active agent) and irradiation and cellulose	US- PGPUB; USPAT	ADJ	ON	2009/06/19 15:02

S16	146	hydrogel (matrix or network) and crosslink \$ and (acrylate or methacrylate) and (pharmaceutical or active agent) and irradiation and cellulose	US- PGPUB; USPAT	ADJ	ON	2009/06/19 15:08
S17	30	hydrogel (matrix or network) and photocrosslink\$ and (acrylate or methacrylate) and (pharmaceutical or active agent) and cellulose	US- PGPUB; USPAT	ADJ	ON	2009/06/19 15:09
S18	128	hydrogel (matrix or network) and (photocrosslink\$ or photopolymeriz\$) and (acrylate or methacrylate) and (pharmaceutical or active agent) and cellulose	US- PGPUB; USPAT	ADJ	ON	2009/06/19 15:11
S19	547	hydrogel and aspartamide	US- PGPUB; USPAT	ADJ	ON	2009/06/19 15:17
S20	2	hydrogel and poly(n-2-hydroxyethyl)d,l aspartamide	US- PGPUB; USPAT	ADJ	ON	2009/06/19 15:18
S21	16218	hydrogel and amide	US- PGPUB; USPAT	ADJ	ON	2009/06/19 15:23
S22	23	hydrogel and hydroxyethyl aspartamide	US- PGPUB; USPAT	ADJ	ON	2009/06/19 15:24
S23	42	hydroxyethyl aspartamide	US- PGPUB; USPAT	ADJ	ON	2009/06/19 15:35
S24	65	hydroxyethyl aspartic acid	US- PGPUB; USPAT	ADJ	ON	2009/06/19 15:41
S25	60	gel and (hydroxyethyl aspartamide or hydroxyethyl aspartic acid)	US- PGPUB; USPAT	ADJ	ON	2009/06/19 15:43

S26	59	(hydrogel or matrix or network) and (hydroxyethyl aspartamide or hydroxyethyl aspartic acid)	US- PGPUB; USPAT	ADJ	ON	2009/06/19 15:44
S27	43	(hydrogel or network) and (hydroxyethyl aspartamide or hydroxyethyl aspartic acid)	US- PGPUB; USPAT	ADJ	ON	2009/06/19 15:44
S28	25	(hydrogel or network) and hydroxyethyl aspartamide	US- PGPUB; USPAT	ADJ	ON	2009/06/19 15:53
S29	116	(hydrogel or matrix) and polysuccinimide	US- PGPUB; USPAT	ADJ	ON	2009/06/19 15:55
S30	1	(hydrogel or matrix) and polysuccinimide and carnitine	US- PGPUB; USPAT	ADJ	ON	2009/06/19 15:56
S31	146	(hydrogel or matrix or network) and polysuccinimide	US- PGPUB; USPAT	ADJ	ON	2009/06/19 15:56
S32	25	(hydrogel or matrix) and polysuccinimide and chelat\$	US- PGPUB; USPAT	ADJ	ON	2009/06/19 15:57
S33	19	hydrogel and polysuccinimide	US- PGPUB; USPAT	ADJ	ON	2009/06/19 16:00
S34	1	hydrogel and polysuccinimide and ph dependent	US- PGPUB; USPAT	ADJ	ON	2009/06/19 16:08
S35	1046	hydrogel and ph dependent and (pharmaceutical or drug or active agent)	US- PGPUB; USPAT	ADJ	ON	2009/06/19 16:08
S36	32	hydrogel and ph dependent and (pharmaceutical or drug or active agent) and poly aspartic acid	US- PGPUB; USPAT	ADJ	ON	2009/06/19 16:09
S37	16	(ph sensitive or ph dependent) hydrogel and (pharmaceutical or drug or active agent) and poly aspartic acid	US- PGPUB; USPAT	ADJ	ON	2009/06/19 16:12

S38	16	(ph sensitive or ph dependent) (hydrogel or swelling) and (pharmaceutical or drug or active agent) and poly aspartic acid	US- PGPUB; USPAT	ADJ	ON	2009/06/19 16:25
S39	16	(ph sensitive or ph dependent) (hydrogel or swelling) and (pharmaceutical or drug or active agent) and poly aspartic acid and controlled release	US- PGPUB; USPAT	ADJ	ON	2009/06/19 16:25
S40	36	(matrix or network) and (ph sensitive or ph dependent) and swell\$ and (pharmaceutical or drug or active agent) and poly aspartic acid and (sustained release or controlled release)	US- PGPUB; USPAT	ADJ	ON	2009/06/19 16:57
S41	2080	(matrix or network) and (ph sensitive or ph dependent) and swell\$ and (pharmaceutical or drug or active agent) and (sustained release or controlled release)	US- PGPUB; USPAT	ADJ	ON	2009/06/19 17:05
S42	982	hydrogel and (matrix or network) and (ph sensitive or ph dependent) and swell\$ and (pharmaceutical or drug or active agent) and (sustained release or controlled release)	US- PGPUB; USPAT	ADJ	ON	2009/06/19 17:06
S43	773	hydrogel and (matrix or network) and (ph sensitive or ph dependent) and swell\$ and (pharmaceutical or drug or active agent) and (sustained release or controlled release) and methacrylate	US- PGPUB; USPAT	ADJ	ON	2009/06/19 17:06

S44	65	hydrogel and (matrix or network) and (ph sensitive or ph dependent) and swell\$ and (pharmaceutical or drug or active agent) and (sustained release or controlled release) and methacrylate and carnitine	US- PGPUB; USPAT	ADJ	ON	2009/06/19 17:07
S45	217	hydrogel and (matrix or network) and (ph sensitive or ph dependent) and swell\$ and (pharmaceutical or drug or active agent) and (sustained release or controlled release) and methacrylate and irradiation	US- PGPUB; USPAT	ADJ	ON	2009/06/19 17:09
S46	135	hydrogel and (matrix or network) and (ph sensitive or ph dependent) and swell\$ and (pharmaceutical or drug or active agent) and (sustained release or controlled release) and methacrylate and irradiation and (poly amino acid or poly aspartamide)	US- PGPUB; USPAT	ADJ	ON	2009/06/19 17:10
S47	48	hydrogel and (matrix or network) and (ph sensitive or ph dependent) and swell\$ and (pharmaceutical or drug or active agent) and (sustained release or controlled release) and methacrylate and irradiation and (aspartamide or aspartic acid)	US- PGPUB; USPAT	ADJ	ON	2009/06/19 17:14

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